

REMARKS

Please reconsider the application in view of the above amendments and the following remarks. Applicant thanks the Examiner for carefully considering this application.

Disposition of Claims

Claims 1-6 are pending in this application. Claims 1, 2, and 4 are independent. The remaining claims depend, directly or indirectly, from claims 1, 2, and 4. Claim 3 has been cancelled by this reply.

Claim Objections

Claim 3 has been cancelled this reply. Thus, this objection is now moot. Accordingly, withdrawal of this rejection is respectfully requested.

Claim Amendments

Claims 1, 2, and 4 have been amended to clarify that the diodes are connected in parallel to the input line. Support for the aforementioned amendments may be found, for example, in Figures 3-5 of the instant specification. In addition, claim 4 has been amended to correct a minor antecedent basis error. The Application respectfully asserts that no new matter has been added by any of the aforementioned amendments.

Rejection(s) under 35 U.S.C. §102

Claims 4 and 6 stand rejected under 35 U.S.C. §102(b) as being rejected by U.S. Patent No. 5,097,361 issued to Childers et al. (hereinafter “Childers”). To the extent that this rejection applies to the amendment independent claims, the rejection is respectfully traversed.

Section 2131 of the M.P.E.P. requires that the prior art reference teach every element of the claim in order to anticipate a claim. In other words, “[a] claim is anticipated only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference.” *Verdegaal Bros. v. Union Oil Co. of California*, 814 F.2d 628, 631 (Fed. Cir. 1987). Furthermore, “[t]he identical invention must be shown in as complete detail as is contained in the ... claim.” *Richardson v. Suzuki Motor Co.*, 868 F.2d 1226, 1236 (Fed. Cir. 1990). The Applicant respectfully asserts that Childers does not satisfy the above requirements necessary to anticipate amended independent claim 4.

Specifically, amended independent claim 4 requires that the two diodes are connected in parallel to an input line (*see* Instant Specification, Figures 3 and 4) such that input line is connected in parallel to the two diodes and that the input voltage is regulated as shown in Figure 5. Childers fails to teach or suggest such a configuration. Specifically, Figure 7 of Childers, upon which the Examiner relies, merely teaches two diodes (71, 72) each of which is connected in *series* to a separate coil (26C, 26CC). However, neither of the coils (26C, 26CC) in Figure 7 is connected in parallel to *both* diodes.

In view of the above, Childers fails to teach or suggest all the limitations recited in amended independent claim 4. Thus, amended independent claim 4 is patentable over Childers. Dependent claim 6 is patentable over Childers for at least the same reasons. Accordingly, withdrawal of this rejection is respectfully requested.

Rejection(s) under 35 U.S.C. § 103

Claims 1, 2, 3, and 5 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Childers. Claim 3 has been cancelled by this reply. Thus, this rejection is now moot with respect to claim 3. To the extent that this rejection still applies to the amended and non-amended claims, the rejection is respectfully traversed.

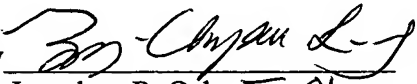
The basis for the Examiner's rejection under 35 U.S.C. §103 rests upon the Examiner's assertion that Childers teaches all aspects of claims 1, 2, and 5, with the exception of (i) a focusing coil and (ii) the limitation "between an input end and a ground side of said coil." However, in view of the above discussion with respect to Childers in addressing the 35 U.S.C. §102 rejection, the Applicant respectfully asserts that Childers does not teach the limitations that the Examiner is relying upon to maintain a rejection under 35 U.S.C. §103. Accordingly, amended independent claims 1 and 2 are patentable over Childers. Dependent claim 5 is patentable over Childers for at least the same reason. Withdrawal of this rejection is respectfully requested.

Conclusion

Applicant believes this reply is fully responsive to all outstanding issues and places this application in condition for allowance. If this belief is incorrect, or other issues arise, the Examiner is encouraged to contact the undersigned or his associates at the telephone number listed below. Please apply any charges not covered, or any credits, to Deposit Account 50-0591 (Reference Number 04995/049001).

Dated: August 22, 2005

Respectfully submitted,

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